



#5/A  
6-21-02  
JH

219.39505X00

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants: Balaji Parthasarathy et al.  
Application No.: 09/835,132  
Filing Date: March 30, 2001  
Title: HOST-FABRIC ADAPTER HAVING AN EFFICIENT MULTI-TASKING PIPELINED INSTRUCTION EXECUTION MICRO-CONTROLLER SUBSYSTEM FOR NGIO/INFINIBAND™ APPLICATIONS  
Art Unit: Not Assigned Yet  
Examiner: Not Assigned Yet

**PRELIMINARY AMENDMENT**

Assistant Commissioner of Patents  
Washington, D.C. 20231

**May 15, 2001**

Sir:

Entry of the foregoing Preliminary Amendment and remark, prior to examination, is respectfully requested.

**IN THE CLAIMS:**

Please cancel claims 2-20, and add claims 21-43, as follows:

--21. The host-fabric adapter as claimed in claim 1, wherein said Micro-Engine  
(ME) processes multiple ME instructions in parallel, when said ME instructions are

# **FEE TRANSMITTAL** for FY 2001

MAY 15 2001

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$) 54

## **Complete if Known**

Application Number 09/835,132  
Filing Date March 30, 2001  
First Named Inventor Balaji PARTHASARATHY  
Examiner Name Not Yet Assigned  
Group / Art Unit Not Yet Assigned  
Attorney Docket No. 219.39505X00

## **METHOD OF PAYMENT (check one)**

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number

01-2135

Deposit Account Name

Antonelli, Terry, Stout & Kraus, LLP

- ☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17  
☐ Applicant claims small entity status. See 37 CFR 1.27

2. ☒ Payment Enclosed:

- ☐ Check ☒ Credit card ☐ Money Order ☐ Other

## **FEE CALCULATION**

### **1. BASIC FILING FEE**

| Large Fee Code | Entity Fee (\$) | Small Fee Code | Entity Fee (\$) | Fee Description        | Fee Paid |
|----------------|-----------------|----------------|-----------------|------------------------|----------|
| 101            | 710             | 201            | 355             | Utility filing fee     |          |
| 106            | 320             | 206            | 160             | Design filing fee      |          |
| 107            | 490             | 207            | 245             | Plant filing fee       |          |
| 108            | 710             | 208            | 355             | Reissue filing fee     |          |
| 114            | 150             | 214            | 75              | Provisional filing fee |          |

SUBTOTAL (1)

(\$0)

### **2. EXTRA CLAIM FEES**

|                    |    |     |   |   |              |   |    |   |    |                |          |
|--------------------|----|-----|---|---|--------------|---|----|---|----|----------------|----------|
| Total Claims       | 23 | -20 | = | 3 | Extra Claims | X | 18 | = | 54 | Fee from below | Fee Paid |
| Independent Claims | 1  | -3  | = | 0 |              | X | 80 | = | 0  |                |          |
| Multiple Dependent |    |     |   |   |              | X |    | = | 0  |                |          |

| Large Fee Code | Entity Fee (\$) | Small Fee Code | Entity Fee (\$) | Fee Description  |
|----------------|-----------------|----------------|-----------------|--|
| 103            | 18              | 203            | 9               | Claims in excess of 20                                     |
| 102            | 80              | 202            | 40              | Independent claims in excess of 3                          |
| 104            | 270             | 204            | 135             | Multiple dependent claim, if not paid                      |
| 109            | 80              | 209            | 40              | ** Reissue independent claims over original patent         |
| 110            | 18              | 210            | 9               | ** Reissue claims in excess of 20 and over original patent |

SUBTOTAL (2)

(\$54)

\*\*or number previously paid, if greater; For Reissues, see above

## **FEE CALCULATION (continued)**

| Fee Code | Large Entity Fee (\$) | Fee Code | Small Entity Fee (\$) | Fee Description  | Fee Paid |
|----------|-----------------------|----------|-----------------------|--|----------|
| 105      | 130                   | 205      | 65                    | Surcharge - late filing fee or oath  |          |
| 127      | 50                    | 227      | 25                    | Surcharge - late provisional filing fee or cover sheet.                    |          |
| 139      | 130                   | 139      | 130                   | Non-English specification  |          |
| 147      | 2,520                 | 147      | 2,520                 | For filing a request for reexamination                                     |          |
| 112      | 920*                  | 112      | 920*                  | Requesting publication of SIR prior to Examiner action                     |          |
| 113      | 1,840*                | 113      | 1,840*                | Requesting publication of SIR after Examiner action                        |          |
| 115      | 110                   | 215      | 55                    | Extension for reply within first month                                     |          |
| 116      | 390                   | 216      | 195                   | Extension for reply within second month                                    |          |
| 117      | 890                   | 217      | 445                   | Extension for reply within third month                                     |          |
| 118      | 1,390                 | 218      | 695                   | Extension for reply within fourth month                                    |          |
| 128      | 1,890                 | 228      | 945                   | Extension for reply within fifth month                                     |          |
| 119      | 310                   | 219      | 155                   | Notice of Appeal   |          |
| 120      | 310                   | 220      | 155                   | Filing a brief in support of an appeal                                     |          |
| 121      | 270                   | 221      | 135                   | Request for oral hearing   |          |
| 138      | 1,510                 | 138      | 1,510                 | Petition to institute a public use proceeding                              |          |
| 140      | 110                   | 240      | 55                    | Petition to revive - unavoidable   |          |
| 141      | 1,240                 | 241      | 620                   | Petition to revive - unintentional   |          |
| 142      | 1,240                 | 242      | 620                   | Utility issue fee (or reissue)   |          |
| 143      | 440                   | 243      | 220                   | Design issue fee   |          |
| 144      | 600                   | 244      | 300                   | Plant issue fee  |          |
| 122      | 130                   | 122      | 130                   | Petitions to the Commissioner  |          |
| 123      | 130                   | 123      | 130                   | Petitions related to provisional applications                              |          |
| 126      | 180                   | 126      | 180                   | Submission of Information Disclosure Stmt                                  |          |
| 581      | 40                    | 581      | 40                    | Recording each patent assignment per property (times number of properties) |          |
| 146      | 710                   | 246      | 355                   | Filing a submission after final rejection (37 CFR § 1.129(a))              |          |
| 149      | 710                   | 249      | 355                   | For each additional invention to be examined (37 CFR § 1.129(b))           |          |
| 179      | 710                   | 279      | 355                   | Request for Continued Examination (RCE)                                    |          |
| 169      | 900                   | 169      | 900                   | Request for expedited examination of a design application                  |          |

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3)

(\$0)

## **SUBMITTED BY**

## **Complete (if applicable)**

|                   |             |                                  |        |           |              |
|-------------------|-------------|----------------------------------|--------|-----------|--------------|
| Name (Print/Type) | Hung H. Bui | Registration No. Attorney/Agent) | 29,621 | Telephone | 703-312-6600 |
| Signature         | Hung H. Bui |                                  |        | Date      | May 15, 2001 |

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.